

Localized surface tolerance defects will be subject to the provisions outlined in Section 401.111 Surface Tolerances.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
402.10 Incentive/Disincentive - Pavement Smoothness	Lump Sum

## SECTION 403 - HOT BITUMINOUS PAVEMENT

403.01 Description This work shall consist of constructing one or more courses of bituminous pavement on an approved base in accordance with these specifications, and in reasonably close conformity with the lines, grades, thickness and typical cross sections shown on the plans or established.

The bituminous pavement shall be composed of a mixture of aggregate, filler if required, and bituminous material.

403.02 General The materials and their use shall conform to the requirements of Section 401 - Hot Mix Asphalt Pavement.

403.03 Construction The construction requirements shall be as specified in Section 401 - Hot Mix Asphalt Pavement.

In addition, hot bituminous pavement placed on bridges shall also conform to the following requirements.

- a. The mixture shall be placed in courses as specified in the Special Provisions.
- b. The bottom course shall be placed with an approved rubber mounted bituminous paver of such type and operated in such a manner that the membrane waterproofing will not be damaged in any way.
- c. The top course shall not be placed until the bottom course has cooled

sufficiently to provide stability.

d. The Contractor will not be required to cut sample cores from the compacted pavement on the bridge deck.

e. After the top course has been placed, the shoulder areas shall be sealed 1 m [3 ft] wide with two applications of an emulsified bituminous sealer meeting the requirements of Section 702.12 - Emulsified Bituminous Sealing Compound. The first application shall be pre-mixed with fine, sharp sand, similar to mortar sand, as needed to fill all voids in the mix in the area being sealed. The second application may be applied without sand. The sealer shall be carried to the curb at the gutter line in sufficient quantity to leave a bead or fillet of material at the face of the curb. The area to be sealed shall be clean, dry and the surface shall be at ambient temperature.

f. The furnishing and applying of the required quantity of sealer for the bridge shoulder areas shall be incidental to placing the hot bituminous pavement.

g. The atmospheric temperature for all courses on bridge decks shall be 10°C [50°F] or higher.

403.04 Method of Measurement Hot bituminous pavement will be measured as specified in Section 401.21- Method of Measurement.

403.05 Basis of Payment The accepted quantities of hot bituminous pavement will be paid for at the contract unit price per megagram [ton] for the bituminous mixtures, including bituminous material complete in place.

Method A, Method B, and Method C shall be used for acceptance as specified in Section 401 - Hot Mix Asphalt Pavements. (See Complementary Notes, Section 403 - Hot Bituminous Pavement, for Method location).

Payment will be made under:

Pay Item

Pay Unit

403.102	Hot Mix Asphalt Pavement for Special Areas	Megagram [Ton]
403.206	Hot Mix Asphalt, 25 mm [1 in]	Megagram
[Ton]	Nominal Maximum Size	
403.207	Hot Mix Asphalt, 19.0 mm [ $\frac{3}{4}$ in]	Megagram
[Ton]	Nominal Maximum Size	
403.208	Hot Mix Asphalt, 12.5 mm [ $\frac{1}{2}$ in]	Megagram
[Ton]	Nominal Maximum Size	
403.209	Hot Mix Asphalt, 9.5 mm [ $\bullet$ in]      Nominal	Megagram
[Ton]	Maximum Size (sidewalks, drives, islands & incidentals)	
403.210	Hot Mix Asphalt, 9.5 mm [ $\bullet$ in]	Megagram
[Ton]	Nominal Maximum Size	
403.211	Hot Mix Asphalt (shimming)	Megagram
[Ton]		
403.212	Hot Mix Asphalt, 4.75 mm [ $\frac{1}{4}$ in]	Megagram
[Ton]	Nominal Maximum Size	
403.213	Hot Mix Asphalt, 12.5 mm [ $\frac{1}{2}$ in]	Megagram [Ton]
	Nominal Maximum Size, Base	

## SECTION 404 - 408 VACANT

## SECTION 409 - BITUMINOUS TACK COAT

409.01 Description This work consists of furnishing and applying one application of liquid bituminous material on an approved surface in accordance with these specifications and in reasonably close conformity with the lines shown on the plans or established.

409.02 Bituminous Material The type and grade of bituminous material will be